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Date	Client/Matter Number							
February 9, 2007	211843-00044							
From	Attorney Number							
John S. Paniaguas	32347							
Phone	Fax							
312.902.5312	312.577.4532							
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Total number of pages, including cover letter: pages 34 If you do not receive all of the pages, please call: 312.902.5312								
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Comments

RE Patent Application No.: 10/582,392

Filing Date: June 9, 2006

Inventor: Horsky et al.

Title: Method and Apparatus for Extending Equipment Uptime in Ion Implantation

Confirmation No.: Unknown

Please file the attached.

Transmittal Form (1 p.)

Information Disclosure Statement (3 p.)

Form PTO/SB/08A (1 p.)

Form PTO/SB/08B

European Search Report (4 p.)

Cited Reference (26 p.)

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4218).

**FEE TRANSMITTAL
For FY 2006** Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

Complete if Known

Application Number 10/582,392

Filing Date June 9, 2006

First Named Inventor Horsky et al.

Examiner Name Unknown

Art Unit Unknown

Attorney Docket No. 211843-00044

METHOD OF PAYMENT (check all that apply) Check Credit Card Money Order None Other (please identify): _____ Deposit Account Deposit Account Number 50-1214 Deposit Account Name _____

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

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FEES CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Small Entity**Fee (\$)**

50 25

Each independent claim over 3 (including Reissues)

200 100

Multiple dependent claims

360 180

Total Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)****Multiple Dependent Claims****Fee (\$)** **Fee Paid (\$)**

- 20 or MP = _____ x _____ = _____

Fee (\$)

Fee Paid (\$)

MP = highest number of total claims paid for, if greater than 20

Independent Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)**

Fee (\$)

Fee Paid (\$)

- 3 or MP = _____ x _____ = _____

Fee (\$)

Fee Paid (\$)

MP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets **Extra Sheets** **Number of each additional 50 or fraction thereof** **Fee (\$)** **Fee Paid (\$)**

- 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____

Fee Paid (\$)**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): _____

SUBMITTED BY

Signature

Registration No. 31,051

Telephone (312) 902-5200

Name (Print/Type) John S. Panagakos

Data February 9, 2007

The collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the person which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including reviewing, preparing, and submitting the completed application form to the USPTO. Total time may depend upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/21 (09-06)

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FORM

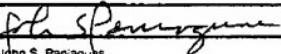
(To be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/582,392
Filing Date	June 9, 2007
First Named Inventor	Horsky et al.
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	211843-0004

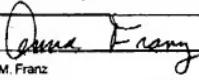
ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below).
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
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<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
	Remarks	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Karen Muchin Rosenman LLP		
Signature			
Printed name	John S. Panagakos		
Date	February 9, 2007	Reg. No.	31,051

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Signature		Date	February 9, 2007
Typed or printed name	Anna M. Franz		

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T-401 P-04 F-191

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Substitute for form 1449A/PTO.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/582,392
Filing Date	June 9, 2006
First Named Inventor	Horsky et al.
Group Art Unit	Unknown
Examiner Name	Unknown

Attorney Docket Number 211843-00044**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. †	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Page, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. †	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Page, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T :
		Country Code * -Number * -Kind Code * (if known)				
/B.S./	B1	JP2003323051	11.24.2000	Nissin Electric Co. Ltd.		T :
/B.S./	B2	EP 1061550 A2	12.20.2000	Axcelis Technologies		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	Date Considered	02/29/2008	T :
/R.S./	C1	European Search Report from EP 04 81 3789, dated January 10, 2007			
Examiner Signature	/Bernard Souw/				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

†Applicant's unique citation designation number (optional). * See Kind codes of USPTO Patent Documents as www.uspto.gov or MPEP 201.04. †Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. †Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. * Applicant is to place a check mark here if English language Translation is attached.

**RECEIVED
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FEB 09 2007.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Horsky, et al.

Serial No.: 10/582,392

Filed: June 9, 2006

Title: METHOD AND APPARATUS FOR
EXTENDING EQUIPMENT UPTIME IN ION
IMPLANTATION

Group Art Unit: Unknown

Examiner: Unknown

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

This document is being filed pursuant to the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

I. TIME OF FILING

- This document is being filed in accordance with 37 C.F.R. § 1.97(b) as it is believed to be filed:
- within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d);
 - within three months of the date of entry of the national stage as set forth in § 1.491 in an international application;
 - before the mailing of a first Office action on the merits; or
 - before the mailing of a first Office action after the filing of a request for continued examination under § 1.114.

OR

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Page 2 of 3

— This document is being filed in accordance with 37 C.F.R. § 1.97(c) as it is believed to be filed before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application. This Statement is accompanied by one of:

the following statements; or

— Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

— No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

— The fee set forth in § 1.17(p). Fee Transmittal Form PTO/SB/17 is attached.

OR

— This document is being filed in accordance with 37 C.F.R. § 1.97(d) as it is believed to be filed on or before the payment of the issue fee and is accompanied by one of the following statements and the fee set forth in § 1.17(p). Fee Transmittal Form PTO/SB/17 is attached.

— Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

— No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

Applicant(s) respectfully request that the documents listed on the attached Form PTO/SB/08A and/or Form PTO/SB/08B be considered and made of record.

OR

— It is requested that this Statement and enclosures be placed in the file. It is understood that the cited references will not be considered by the Office.

Application No. 10/582,392
Page 3 of 3

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II. FOREIGN PATENT OFFICE COMMUNICATIONS (if applicable)

- One or more of the items of information contained in the information disclosure statement were cited in a communication from a foreign patent office in a counterpart foreign application.
- A copy of the search report is attached.

III. COPIES OF CITED REFERENCES

- Because this application was filed prior to June 30, 2003, copies of the document(s) listed on the attached Form(s) PTO/SB/08A and/or PTO/SB/08B are attached.

OR

- Because this application was filed after June 30, 2003, copies of non-U.S. patent citations as listed on the attached Form(s) PTO/SB/08A and/or PTO/SB/08B are attached.

AND (if applicable)

- All cited U.S. pending (non-published) applications listed on Form PTO/SB/08A are stored in the USPTO's IFW system. Copies are therefore not provided.

OR

- One or more of the cited U.S. pending (non-published) applications (filed prior to June 30, 2003) as listed on Form PTO/SB/08A has not been stored in the USPTO's IFW system. Copies for the unstored applications are provided herewith.

IV. REMARKS

The above constitutes information that an Examiner may find material to the examination of the subject application; however, it does not negate the patentability of the subject invention. Furthermore, it is not intended that submission of this information be taken as a representation that a search has been made or that no information which is more material exists.

The Commissioner is hereby authorized to charge any fees which may be required or credit any overpayment with respect to this communication to Deposit Account No. 50-1214. A duplicate copy of this communication is enclosed.

Date: February 9, 2007

By:


John S. Paniguanas
Attorney or Agent for Applicant(s)
Reg. No. 31,051